

Thelen Reid & Priest LLP

Attorneys At Law

225 West Santa Clara Street, Suite 1200
San Jose, CA 95113-1723Tel. 408.292.5800
Fax 408.287.8040
www.thelenreid.com**F A X C O V E R P A G E****Date:** January 26, 2005**Total Pages:** 28
(including cover)*AU 2631***To:** Examiner Dung X. Nguyen,
U.S. Patent Office
JEF- Room # 2A 48**Fax:** 571.273.0224
Phone:**From:** Khaled Shami**Fax:** 408.278.8255
Phone: 408.282.1855
E-Mail: kshami@thelenreid.com**VIA FAX ONLY****Re: U.S. Patent Application****Filed:** June 19, 2001**Serial No.:** 09/885,811**TRP Docket No.:** 034942-245 (formerly 110619CFB.US)**Dear Examiner Nguyen:****Pursuant to your instructions, enclosed please find the response to Office Action filed on August 20, 2004.****Please phone me with any questions.****Khaled Shami****KS/rr
Encls.**

In case of a problem with this transmission, please call the Fax Operator at 408.282.1866

JOB #	ATTORNEY #	CLIENT-MATTER	RETURN TO	ROOM #
	41424	034942/245		

IMPORTANT: This fax transmission is intended only for the addressee. It contains information from the law firm of Thelen Reid & Priest LLP which may be privileged, confidential and exempt from disclosure under applicable law. Dissemination, distribution, or copying of this by anyone other than the addressee or the addressee's agent is strictly prohibited. If this transmission is received in error, please notify Thelen Reid & Priest LLP immediately at the telephone number indicated above. We will reimburse your costs incurred in connection with this erroneous transmission and your return of these materials. THANK YOU.

SV #194773 v1

DOCKED
OCT 19 2004

Serial/Patent No.: 09/885,811

Filing/Issue Date: 6/19/01

Applicant: Booth et al

Title: HYBRID POLAR MODULATOR DIFFERENTIAL PHASE CARTESIAN FEEDBACK CORRECTION CIRCUIT FOR
POWER AMPLIFIER

TRP Docket No.: 034942-245 (formerly 110619CFB.US)

Atty/Secty Initials: KS/rr

Docket Due Date: 8/20/04

Date Mailed: 8/20/04

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

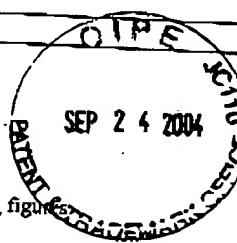
- Amendment/Response (16 pgs.)
- Appeal Brief (____ pgs.) (in triplicate)
- Application - Utility (____ pgs. with cover & abstract)
- Application - Rule 1.53(p) Continuation (____ pgs.)
- Application - Rule 1.53(b) Division (____ pgs.)
- Application - Rule 1.53(b) CIP (____ pgs.)
- Application - Rule 1.53(d) CPA (____ pgs.)
- Application - PCT (____ pgs.)
- Application - Provisional (____ pgs.)
- Assignment and Cover Sheet
- Certificate of Correction
- Certificate of Mailing
- Declaration & POA (____ pgs.)
- Fee Transmittal (in duplicate)
- Drawings (informal): Replacement & Annotated Sheets For Figs. 1 & 2
- Other:

Copy of Change Of Docket Number Filed 2/11/03 & Copy
Of Postcard Received by PTO Dated 2/19/03 PTO

- IDS & PTO 1449 (____ pgs.)
- ____ Pieces of Prior Art Enclosed
- Issue Fee Transmittal
- Submission of Formal Drawings:
____ # of sheets includes ____ figures
- Notice of Appeal
- Postcard
- Preliminary Amendment (____ pgs.)
- Reply Brief (____ pgs.)
- Req and Cert. Not to Publish - Rule 1.213
- Request for Continued Examination (RCE) (____ pgs.)
- Request for Extension of Time 1 Month(s)
- Response to Notice to File Missing Parts
- Copy of PTO Notice to File Missing Parts
- Transmittal Letter (original & copy)
- Express Mail No.: _____
- Check(s) \$55 Check # 31478
- Deposit Acct. No. 50-1698 \$ _____

Patent Code: 2251

Client/Matter # 34942-245



PTO/SB/21 (08-03)

Approved for use through 07/31/2008, OMB 0851-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/885,811
		Filing Date	June 19, 2001
		First Named Inventor	Booth et al
		Art Unit	2631
		Examiner Name	Nguyen, Dung X
Total Number of Pages in This Submission		Attorney Docket Number	034942-245 (formerly 110619CFB.US)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s) (Fig. 1 Replacement Sheet & Annotated Sheet Showing Changes	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Copy of Change Of Docket Number Filed 2/11/03 & Copy Of Postcard Received by PTO Dated 2/19/03 PTO
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Khaled Shami, Reg. No. 36,745
Signature	
Date	September 20, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Ruth Rodriguez	Date	September 20, 2004
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DUPPLICATE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/885,811
Filing Date	June 19, 2001
First Named Inventor	Booth et al
Art Unit	2631
Examiner Name	Nguyen, Dung X
Total Number of Pages in This Submission	Attorney Docket Number 034942-245 (formerly 110619CFB.US)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) (Fig. 1 Replacement Sheet & Annotated Sheet Showing Changes <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <small>(please identify below):</small> Copy of Change Of Docket Number Filed 2/11/03 & Copy Of Postcard Received by PTO Dated 2/19/03 PTO
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or individual name	Khaled Shami, Reg. No. 38,745
Signature	
Date	September 20, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Ruth Rodriguez	Date	September 20, 2004
-----------------------	----------------	------	--------------------

Signature 

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 55

Complete If Known

Application Number	09/885,811
Filing Date	6/18/01
First Named Inventor	Richard Booth
Examiner Name	Nguyen, Dung X
Art Unit	2631
Attorney Docket No.	034942-245 (formerly 110619CFB.US)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit AccountDeposit Account Number
50-1888Deposit Account Name
THELEN REID & PRIEST, LLP
P.O. BOX 840840
SAN JOSE, CA 95184-0640

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	55
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	685	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1450	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.128(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 55

*or number previously paid, if greater. For Reissues, see above

Complete (if applicable)

Name (Print/Type)	Khaled Shami	Registration No. (Attorney/Agent)	38,745	Telephone	409-292-5800
Signature				Date	September . 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **55***Complete if Known*

Application Number	08/885,811
Filing Date	6/19/01
First Named Inventor	Richard Booth
Examiner Name	Nguyen, Dung X
Art Unit	2631
Attorney Docket No.	034842-245 (formerly 110818CFB.US)

METHOD OF PAYMENT (check all that apply)
 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number **50-1688**

Deposit Account Name **THELEN REID & PRIEST, LLP
P.O. BOX 640640
SAN JOSE, CA 95164-0640**

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEES CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				(5) 0	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	0	x 0	= 0
Multiple Dependent	0	x 0	= 0
		x 0	= 0

Large Entity	Small Entity	Fee Description		
Fee Code	Fee (\$)	Fee Code		
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	280	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

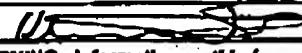
Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	820*	1804	820*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	55
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,450	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (list as many properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)**(5) 55***Complete if applicable*

Name (Print/Type)	Khaled Sharif	Registration No. (Attorney/Agent)	38,745	Telephone	408-292-5800
Signature				Date	September , 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Serial/Patent No.: 09/885,811

Filing/Issue Date: 6/19/01

Applicant: Booth et al.

Title: Hybrid Polar Modulator Differential Phase Cartesian Feedback Correction Circuit for Power Amplifier

TRP Docket No.: 034942-245

Atty/Secty Initials: REK/dm

Date Mailed: 2-11-03

Docket Due Date:

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

<input type="checkbox"/> Amendment/Response (____ pgs.)
<input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)
<input type="checkbox"/> Application - Utility (____ pgs. with cover & abstract)
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)
<input type="checkbox"/> Application - Rule 1.53(b) Division (____ pgs.)
<input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)
<input type="checkbox"/> Application - Rule 1.53(d) CP (____ pgs.)
<input type="checkbox"/> Application - PCT (____ pgs.)
<input type="checkbox"/> Application - Provisional (____ pgs.)
<input type="checkbox"/> Assignment and Cover Sheet
<input type="checkbox"/> Certificate of Correction
<input type="checkbox"/> Certificate of Mailing
<input type="checkbox"/> Declaration & POA (____ pgs.)
<input type="checkbox"/> Fee Transmittal
<input type="checkbox"/> Request for Continued Examination (RCE) (____ pgs.)

Drawings: ____ # of sheets includes ____ figures
 IDS & PTO 1449 (____ pgs.)
 _____ Pieces of Prior Art Enclosed
 Issue Fee Transmittal
 Submission of Formal Drawings:
 _____ # of sheets includes _____ figures
 Notice of Appeal
 Postcard
 Preliminary Amendment (____ pgs.)
 Reply Brief (____ pgs.)
 Req and Cert Not to Publish - Rule 1.213
 Request for Extension of Time _____ Month(s)
 Response to Notice to File Missing Parts
 Copy of PTO Notice to File Missing Parts
 Transmittal Letter (original & copy)
 Express Mail No.:
 Check(s) \$ _____
 Deposit Acct. No. 50-1698 \$ _____
 Patent Code:
 Client/Matter # 34942-245

 Other:

Declaration and Consent of Assignee; Change of Attorney
 Docket Number and Change of Address Notice; and Status
 Request Letter

